

**Halo: Parry lower suncave arcs**

Date:	Source of light:	Name of observer:	State:	Place:	Clouds:
18.02.1980	Sun	W. Gosowijn	Chile	Atacama	CS
02.04.1999	Sun	Veikko Makela	Finland	Helsinki	CS
19.06.2004	Sun	Ismo Luukkonen	Finland	Turku	CS
19.06.2004	Sun	Jani Myllymaa	Finland	Turku	CS
19.06.2004	Sun	Esa Eronen	Finland	Naanatali	CS
09.01.2009	Moon	Mika Aho	Finland	Jamsa	DD
09.01.2009	Moon	Jukka Ruuskanen	Finland	Hyvinkaa	DD

**Halo: Parry lower sunvex arcs**

Date:	Source of light:	Name of observer:	State:	Place:	Clouds:
03.05.1979	Sun	Takeshi Ohtake	USA	Alaska	DD
27.07.1991	Sun	Jarmo Moilanen	Finland	Kokkola	CS
22.11.2004	Moon	Arto Oksanen	Finland	Jamsa	DD
29.11.2004	Moon	Heikki Mahlamaki	Finland	Teuva	DD
17.12.2005	Moon	Marko Mikkila	Finland	Sievi	DD
08.01.2006	Moon	Mika Aho	Finland	Himos	DD
15.01.2006	Moon	Marko Mikkila	Finland	Sievi	DD
19.01.2006	Sun	Joe MacGregor	Antarctic	100 KM 79S, 117W	DD
11.02.2006	Moon	Olli Saleva	Finland	Rovaniemi	DD
04.11.2006	Moon	Juha Oksa	Finland	???	DD
04.11.2006	Moon	Arto Oksanen	Finland	Muurame	DD
09.01.2009	Moon	Mika Aho	Finland	Jamsa	DD
<b>no data:</b>					
???	Sun	???	Antarctic	???	DD

**Halo: A halo from Parry oriented crystals with raypath 4-8-1 - "Ounasvaara arc"**

Date:	Source of light:	Name of observer:	State:	Place:	Clouds:
30.11.2007	Artificial	Marko Riikonen	Finland	Rovaniemi	DD
07.12.2008	Artificial	Marko Riikonen	Finland	Rovaniemi	DD
02.02.2009	Artificial	Mika Aho	Finland	Himos	DD